NUMBER FILED NUMBER EXTRA BASIC FEE \$375 OR BASIC FEE \$7					INATION REC	ORD		,		
Column 1 Column 2 TYPE	<u> </u>	Effe	ective Jan	uary 1, 20	03		09	15°	3255	54
OR							ENTITY	OF		
OTAL CHARGEABLE CLAIMS	TOTAL CLAIN	MS .				RATI	E FEE		RATE	FE
DEPENDENT CLAIMS	OR		NUMBE	ER FILED	NUMBER EXTRA	BASIC	EE \$37	5 OF	BASIC FE	E \$75
DEPENDENT CLAIMS	OTAL CHARG	BEABLE CLAIMS	r	ninus 20=	*	X\$ 9	=	OB	X\$18=	1
1 the difference in column 1 is less than zero, enter "0" in column 2	IDEPENDENT	CLAIMS		minus 3 =	*	X42=	- 	_	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
TOTAL OR TOTAL CLAIMS AS AMENDED - PART II (Column 1) (Column 2) (Column 3) REMAINING AFTER PREVIOUSLY PAID FOR PERSENT PRESENTATION OF MULTIPLE DEPENDENT CLAIM (Column 1) (Column 2) (Column 3) REMAINING AFTER PREVIOUSLY PAID FOR PRESENT PREVIOUSLY PAID FOR PRESENT PREVIOUSLY PAID FOR PRESENT PRESENT PREVIOUSLY PAID FOR PRESENT PREVIOUSLY PAID FOR PRESENT PRESENT PREVIOUSLY PAID FOR PRESENT PRESENT PREVIOUSLY PAID FOR PRESENT PRESENT PRESENT PREVIOUSLY PAID FOR PRESENT PRESENT PRESENT PREVIOUSLY PAID FOR PRESENT PRESENT PREVIOUSLY PAID FOR PRESENT PRESENT PREVIOUSLY PAID FOR PRESENT PREVIOUSLY PAID FOR PRESENT PRESENT PREVIOUSLY PAID FOR PRESENT PRESENT PREVIOUSLY PAID FOR PRESENT PRESENT PREVIOUSLY PAID FOR PRE	ULTIPLE DEP	ENDENT CLAIM	PRESENT			<u> </u>	- 	$\dashv^{\circ \bowtie}$	<u> </u>	
CLAIMS AS AMENDED - PART II (Column 1) (Column 2) (Column 3) CLAIMS REMAINING REMAINING AFFER AMENDMENT PADD FOR PREVIOUSLY PADD FOR ADDIT. FEE Total	f the differen	ce in column 1 i	is less than	zero enter	"O" in column 2			OR	+280=	<u> </u>
COlumn 1 COlumn 2 COlumn 3 SMALL ENTITY OR SMALL ENTITY	,	•			•	TOTA	<u> </u>	ОR		
CLAIMS HIGHEST PRESENT EXTRA PRESENT EXTRA FEE ADDITIONAL FEE TIONAL FEE TOTAL ADDIT. FEE ADDIT. FEE ADDIT. FEE TOTAL ADDIT. FEE ADDIT. FE			AMENDE			SMAL	L ENTITY	OR		
Total		CLAIMS REMAINING AFTER		HIGHE NUMB PREVIOU	ST ER PRESENT USLY EXTRA	RATE	TIONA		RATE	ADI TION FEI
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM Column 1	Total	1. 42	Minus	1 40	=	X\$ 9=		OR	X\$18=	
140						X42=		OB	X84=	X
(Column 1) (Column 2) (Column 3) CLAIMS PREVIOUSLY PAID FOR PRESENT EXTRA Independent Minus	FIRST PRES	SENTATION OF N	MULTIPLE DE	EPENDENT (CLAIM .	+140-	<u> </u>	1 1	±280=	<u> </u>
Column 1 Column 2 Column 3								- L		-11
CLAIMS REMAINING AFTER AMENDMENT PREVIOUSLY PAID FOR EXTRA										
Total		(Column 1)		(Column	2) (Column 3)	ADDIT, FEE	: L	JOH ,	ODIT. FEE	84
Ninus Highest Highest Ninus Highest Ninus Highest Presentation of Minus Highest Highes		CLAIMS REMAINING AFTER		HIGHES NUMBE PREVIOU	ST ER PRESENT USLY EXTRA		ADDI- TIONAL	Ј ОН <i>,</i>] [TION
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +140= OR +280= TOTAL OR ADDIT. FEE (Column 1) CLAIMS REMAINING AFTER AMENDMENT AMENDMENT PREVIOUSLY PAID FOR Total Independent Minus Total Minus Total ADDIT. FEE ADDIT. FEE ADDIT. FEE TIONAL FEE X\$ 9= OR X\$18= X\$42= OR X84= FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM TOTAL OR ADDIT. FEE ADDIT	Total	CLAIMS REMAINING AFTER	Minus	HIGHES NUMBE PREVIOU PAID FO	ST ER PRESENT JSLY EXTRA DR	RATE	ADDI- TIONAL		RATE	TION
(Column 1) (Column 2) (Column 3) CLAIMS REMAINING AFTER AMENDMENT TOTAL ADDIT. FEE (Column 3) RATE PREVIOUSLY PREVIOUSLY PAID FOR Total Minus *** Minus Mi		CLAIMS REMAINING AFTER		HIGHES NUMBE PREVIOU PAID FO	ST ER PRESENT JSLY EXTRA DR =	RATE X\$ 9=	ADDI- TIONAL	OR	RATE X\$18=	TION
(Column 1) (Column 2) (Column 3) CLAIMS REMAINING AFTER AMENDMENT PREVIOUSLY PAID FOR Total Minus	Independent	CLAIMS REMAINING AFTER AMENDMENT	Minus	HIGHES NUMBE PREVIOU PAID FO	ST ER PRESENT JSLY EXTRA DR =	RATE X\$ 9=	ADDI- TIONAL	OR	RATE X\$18=	TION
CLAIMS REMAINING AFTER AMENDMENT Total Minus Min	Independent	CLAIMS REMAINING AFTER AMENDMENT	Minus	HIGHES NUMBE PREVIOU PAID FO	ST ER PRESENT JSLY EXTRA DR =	RATE X\$ 9= X42= +140=	ADDI- TIONAL FEE	OR OR	X\$18= X84= +280=	TION
REMAINING AFTER PREVIOUSLY PAID FOR TIONAL FEE TOWN FEE	Independent	CLAIMS REMAINING AFTER AMENDMENT	Minus	HIGHES NUMBE PREVIOU PAID FO	ST ER PRESENT JSLY EXTRA DR =	X\$ 9= X42= +140=	ADDI- TIONAL FEE	OR OR	X\$18= X84= +280=	TION
Total Minus → = X\$ 9= OR X\$18= Independent Minus → = X42= OR X84= FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM □ →140= OR +280=	Independent	CLAIMS REMAINING AFTER AMENDMENT * ENTATION OF M	Minus	HIGHES NUMBE PREVIOU PAID FO	PRESENT EXTRA PRESEN	X\$ 9= X42= +140=	ADDI- TIONAL FEE	OR OR	X\$18= X84= +280=	TION
Independent Minus +++ = X42= OR X84= OR +140= OR +280=	Independent	CLAIMS REMAINING AFTER AMENDMENT * ENTATION OF M (Column 1) CLAIMS REMAINING AFTER	Minus	HIGHES NUMBE PREVIOUS PAID FOR COLUMN HIGHES NUMBE PREVIOUS	PRESENT EXTRA PRESENT EXTRA Column 3) Column 3 Column 4 Column 4 Column 4 Column 5 Column 5	RATE X\$ 9= X42= +140= TOTAL ADDIT. FEE	ADDI- TIONAL FEE	OR OR	RATE X\$18= X84= +280= TOTAL DDIT. FEE	ADDI TIONA
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM	Independent FIRST PRES	CLAIMS REMAINING AFTER AMENDMENT * ENTATION OF M (Column 1) CLAIMS REMAINING AFTER	Minus ULTIPLE DE	HIGHES NUMBE PREVIOU PAID FO *** *** PENDENT C (Column HIGHES NUMBE PREVIOUS PAID FO	PRESENT EXTRA PRESENT EXTRA PRESENT EXTRA PRESENT EXTRA PRESENT EXTRA PRESENT EXTRA	RATE X\$ 9= X42= +140= TOTAL ADDIT. FEE	ADDI- TIONAL FEE	OR OR OR A	RATE X\$18= X84= +280= TOTAL DOIT FEE	ADDI TIONA FEE
, , , , , , , , , , , , , , , , , , ,	Independent	CLAIMS REMAINING AFTER AMENDMENT * * COlumn 1) CLAIMS REMAINING AFTER AMENDMENT	Minus ULTIPLE DE	HIGHES NUMBE PREVIOU PAID FO	PRESENT EXTRA	RATE X\$ 9= X42= +140= TOTAL ADDIT. FEE RATE X\$ 9=	ADDI- TIONAL FEE	OR OR A	RATE X\$18= X84= +280= TOTAL DDIT. FEE RATE X\$18=	ADDI TIONA
	Independent FIRST PRESI Total Independent	CLAIMS REMAINING AFTER AMENDMENT * ENTATION OF M (Column 1) CLAIMS REMAINING AFTER AMENDMENT 4	Minus ULTIPLE DE	HIGHES NUMBE PREVIOU PAID FO	PRESENT EXTRA	RATE X\$ 9= X42= +140= TOTAL ADDIT. FEE RATE X\$ 9=	ADDI- TIONAL FEE	OR OR A	RATE X\$18= X84= +280= TOTAL DDIT. FEE RATE X\$18=	ADDI TIONA

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PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 2001

CLAIMS AS FILED - PART I							SMALL ENTITY				OTHER	
(Column 1) (Column 2)						TYPE -			OR	SMALL	NTITY	
TOTAL CLAIMS								RATE	FEE		RATE	FEE
FO	R		NUMBER F	ILED	NUMBE	ER EXTRA		BASIC FEE	370.00	OR	BASIC FEE	740.00
то	TAL CHÁRGEAI	BLE CLAIMS	min	us 20=	*			X\$ 9=		OR	X\$18=	اممو
IND	EPENDENT CL	AIMS	mir	nus 3 =	*			X42=		OR	X84=	
MU	LTIPLE DEPEN	DENT CLAIM PE	RESENT .	<u> </u>				+140=		OR	+280=	•
* If	the difference	in column 1 is	less than ze	ro, ente	r "0" in c	olumn 2	ı	TOTAL		OR	TOTAL	*
	CI	_AIMS AS A (Column 1)	MENDED	- PAR (Colu		(Column 3)		SMALLE	ENTITY	ÓR	OTHER SMALL	
ENT A		CLAIMS REMAINING AFTER AMENDMENT		NUM PREVI	HEST IBER OUSLY FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE	ه	RATE	ADDI- TIONAL FEE
MOZ	Total	. 42	Minus	** 6	19	= 13		X\$ 9=		OR	X\$18=	234.
AMENDMENT	Independent	* 8	Minus		3	= .5		X42=		OR	X84=	420.
	FIRST PRESE	NTATION OF MI	JLTIPLE DEF	ENDEN	CLAIM			+140=.		OR	+280=	
	B	i		(0.1		(Only man 2)	6	TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	- y - 7
NT B		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		HIGI NUN PREVI	mn 2) HEST MBER OUSLY OFOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
IDME	Total	. 42	Minus	**	12	=.		X\$ 9=		OR	X\$18=	
AMENDMENT	Independent	. 8	Minus	***	8	= /		X42=		OR	X84=	
Ľ	FIRST PRESE	NTATION OF M	JETIPLE DEP	ENDEN	CLAIM	- 4	1	+140=		OR	+280=	1/
						-, · -		TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	133
		(Column 1)		(Colu	ımn 2)	(Column 3)						
AMENDMENT C		CLAIMS REMAINING AFTER AMENDMENT		HIG NUI PREV	HEST MBER IOUSLY D FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
DIME	Total	*	Minus	**		=		X\$ 9=		OR	X\$18=	
ME	Independent	*	Minus	***		=		X42=		OR	X84=	
	FIRST PRESE	NTATION OF M	ULTIPLE DEI	PENDEN	IT CLAIM		l	+140=		OR	+280=	
	if the entry in order	mn'i le less than t	he entry in colu	ımn 2, wri	ite "0" i n ∝	olumn 3.		TOTAL		ł	TOTAL	
-	 If the entry in column is less than the entry in column 2, write "0" in column 3. If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." 							ADDIT. FEE	L	OR	ADDIT. FEE	:I
"	n the "Highest Nu The "Highest Nun	moer Previously Pa iber Previously Pa	ld For (Total o	r Indepen	dent) is th	e highest numb	er fo	ound in the ap	propriate bo	x in o	olumn 1.	

PATENT APPLICATION FEE DETERMINATION RECORD Effective December 29, 1999 **CLAIMS AS FILED - PART I SMALL ENTITY** OTHER THAN **SMALL ENTITY** (Column 1) (Column 2) TYPE [OR **NUMBER EXTRA FOR** NUMBER FILED FEE RATE RATE FEE 345.00 690.00 **BASIC FEE** OR minus 20= **TOTAL CLAIMS** X\$ 9= X\$18= OR INDEPENDENT CLAIMS minus 3 = X39 =X78= OR MULTIPLE DEPENDENT CLAIM PRESENT +260= +130= OR * If the difference in column 1 is less than zero, enter "0" in column 2 TOTAL **TOTAL** OR **CLAIMS AS AMENDED - PART II** OTHER THAN **SMALL ENTITY** SMALL ENTITY OR (Column 3) (Column 1) (Column 2) CLAIMS HIGHEST ADDI-ADDI-REMAINING NUMBER **PRESENT** TIONAL TIONAL RATE RATE **AFTER PREVIOUSLY AMENDMENT EXTRA FEE** FEE **AMENDMENT** PAID FOR X\$18= Minus Total X\$ 9=OR Independent Minus X78= X39= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +260= +130= OR TOTAL OR ADDIT, FEE ADDIT. FEE (Column 1) (Column 2) (Column 3) HIGHEST **CLAIMS** ADDI-ADDI-REMAINING NUMBER PRESENT TIONAL TIONAL RATE RATE **AMENDMENT AFTER PREVIOUSLY EXTRA** PAID FOR FEE FEE **AMENDMENT** Total Minus X\$18= X\$ 9= OR Independent Minus X39= X78= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +130= +260= OR TOTAL TOTAL OR ADDIT, FEE ADDIT, FEE (Column 2) (Column 3) (Column 1) HIGHEST **CLAIMS** ADDI-ADDI-REMAINING NUMBER PRESENT TIONAL TIONAL **RATE** RATE **AFTER PREVIOUSLY** AMENDMENT **EXTRA** PAID FOR **AMENDMENT** FEE FEE Total Minus ** X\$ 9= X\$18=OR Minus Independent X78= X39= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +130= +260= OR * If the entry in column 1 is less than the entry in column 2, write "0" in column 3. TOTAL TOTAL OR ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." ADDIT, FEE ***If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Application or Docket Number

PATENT APPLICATION FEE DETERMINATION RECORD Effective tober 1, 2001 CLAIMS AS FILED - PART I SMALL ENTITY OTHER THAN (Column 1) (Column 2) TYPE OR SMALL ENTITY TOTAL CLAIMS RATE FEE RATE FEE FOR NUMBER FILED NUMBER EXTRA BASIC FEE 370.00 OR BASIC FEE 740.00 TOTAL CHARGEABLE CLAIMS minus 20≥ X\$ 9= X\$18= OR INDEPENDENT CLAIMS : minus 3 = X42≈ X84= OR MULTIPLE DEPENDENT CLAIM PRESENT +140= +280= OR If the difference in column 1 is less than zero, enter "0" in column 2 TOTAL TOTAL OR CLAIMS AS AMENDED - PART II OTHER THAN (Column 1) SMALL ENTITY (Column 2) (Column 3) SMALLENTITY CUAIMS HIGHEST NUMBER MINIS HEMAINING alle de la compenie ADDI-3000 PRESENT stolidkiljh: ADDI-AFTER PREVIOUSLY RATE TIONAL EXTRA RATE TIONIAL AMENDMENT PAID FOR FEE FEE Total Minus X\$9=X\$18= OR Independent Minus X42= X84= FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM OR +140= +280= OR TOTAL TÖTAL ΟŔ ADDIT FEE. ADDIT. FEE (Column 1) (Column 2) (Column 3) a California das CLAIMS HIGHEST REMAINING ADDI-NUMBER PRESENT MADDI-193. Udi AFTER PREVIOUSLY RATE TIONAL **EXTRA** RATE TIONAL **AMENOMENT** PAID FOR FEE FEE Total Mihus X\$ 9= X\$18=OR Independent Minus X42=. FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM X84=-OR +140= +280= OR TOTAL OR ADDIT: FEE ADDIT. FÉE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST REMAINING ADDI-NUMBER PRESENT ADD AFTER PREVIOUSLY TIONAL RATE EXTRA. RATE TIONAL **AMENDMENT** PAID FOR FEE: FEE Total Minus X\$.9= X\$18= ÖR Independent Minus X42= FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM X84= OR +140= +280= OR If the entry in column 1 is loss than the entry in column 2, write '0' in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter 20." TOTAL OR ADDIT. FEE *** The "Highest Number Previously Paid For" IN THIS SPACE is less than 8, enter *3." ADDIT, FEE

- 1

The Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.